No.	Marca	Codigo	Modelo	Tipo	Estandar	Column1	Archivo
1	KOMATSU	4100XPC	SHE-001	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
2	KOMATSU	4100XPC	SHE-002	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
3	KOMATSU	4100XPC	SHE-003	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
4	KOMATSU	4100XPC	SHE-004	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
5	CATERPILLAR	MD6640	DRE-001	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
6	CATERPILLAR	MD6640	DRE-002	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
7	EPIROC	PV351	DRE-203	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
8	EPIROC	PV351	DRE-204	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
9	EPIROC	PV271E	DRE-105	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
10	EPIROC	PV271E	DRE-106	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
11	EPIROC	PV271E	DRE-107	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
12	EPIROC	PV271E	DRE-108	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
13	EPIROC	PV271E	DRE-109	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
14	EPIROC	PV271E	DRE-110	Electrico	Sin motor	100% eléctrico	N/A equipo eléctrico
15	EPIROC	PV271 D	DRE-111	Diesel	Tier 2	motor	21
16	EPIROC	PV271 D	DRE-112	Diesel	Tier 2	motor	21
17	EPIROC	D65	DRO-021	Diesel	Tier 2	motor	17
18	EPIROC	D65	DRO-022	Diesel	Tier 2	motor	17
19	EPIROC	D65	DRO-023	Diesel	Tier 2	motor	17
20	ATLAS COPCO	DM45	DR017	Diesel	Tier 2	motor	1
21	ATLAS COPCO	DM45	DR018	Diesel	Tier 2	motor	1
22	KOMATSU	L2350	WLL001	Electrico - Diesel	Tier 1	híbrido	22
23	KOMATSU	L2350	WLL002	Electrico - Diesel	Tier 1	híbrido	22
24	KOMATSU	L2350	WLL003	Electrico - Diesel	Tier 1	híbrido	22
25	LIEBHERR	R9100	EXL101	Diesel	Tier 1	motor	18
26	LIEBHERR	R9100	EXL102	Diesel	Tier 1	motor	18
27	LIEBHERR	R9100	EXL103	Diesel	Tier 1	motor	18
28	LIEBHERR	R9100	EXL104	Diesel	Tier 1	motor	18
29	LIEBHERR	R9100	EXL105	Diesel	Tier 1	motor	18
30	LIEBHERR	R9100	EXL106	Diesel	Tier 1	motor	18
31	LIEBHERR	R9100	EXL107	Diesel	Tier 1	motor	18
32	LIEBHERR	R9100	EXL108	Diesel	Tier 1	motor	18
33	LIEBHERR	R9350	EXL001	Diesel	Tier 1	motor	19
34	LIEBHERR	R9350	EXL002	Diesel	Tier 1	motor	19
35	LIEBHERR	R9350	EXL003	Diesel	Tier 1	motor	19
36	CATERPILLAR	785D	WTL001	Diesel	Tier 2	motor	
37	CATERPILLAR	785D	WTL002	Diesel	Tier 2	motor	
38	CATERPILLAR	793D	MST001	Diesel	Tier 2	motor	8
39	LIEBHERR	T284	DTU-001	Electrico - Diesel	Tier 1	híbrido	20
40	LIEBHERR	T284	DTU-002	Electrico - Diesel	Tier 1	híbrido	20
41	LIEBHERR	T284	DTU-003	Electrico - Diesel	Tier 1	híbrido	20
42	LIEBHERR	T284	DTU-004	Electrico - Diesel	Tier 1	híbrido	20
43	LIEBHERR	T284	DTU-005	Electrico - Diesel	Tier 1	híbrido	20
44	LIEBHERR	T284	DTU-006	Electrico - Diesel	Tier 1	híbrido	20
45	LIEBHERR	T284	DTU-007	Electrico - Diesel	Tier 1	híbrido	20
46	LIEBHERR	T284	DTU-008	Electrico - Diesel	Tier 1	híbrido	20
47	LIEBHERR	T284	DTU-009	Electrico - Diesel	Tier 1	híbrido	20
48	LIEBHERR	T284	DTU-010	Electrico - Diesel	Tier 1	híbrido	20
49	LIEBHERR	T284	DTU-011	Electrico - Diesel	Tier 1	híbrido	20
50	LIEBHERR	T284	DTU-012	Electrico - Diesel	Tier 1	híbrido	20
51	LIEBHERR	T284	DTU-014	Electrico - Diesel	Tier 1	híbrido	20
52	LIEBHERR	T284	DTU-015	Electrico - Diesel	Tier 1	híbrido	20
53	LIEBHERR	T284	DTU-016	Electrico - Diesel	Tier 1	híbrido	20
54	LIEBHERR	T284	DTU-017	Electrico - Diesel	Tier 1	híbrido	20
55	LIEBHERR	T284	DTU-018	Electrico - Diesel	Tier 1	híbrido	20
56	LIEBHERR	T284	DTU-019	Electrico - Diesel	Tier 1	híbrido	20
57	LIEBHERR	T284	DTU-020	Electrico - Diesel	Tier 1	híbrido	20
58	LIEBHERR	T284	DTU-021	Electrico - Diesel	Tier 1	híbrido	20
59	LIEBHERR	T284	DTU-022	Electrico - Diesel	Tier 1	híbrido	20
60	LIEBHERR	T284	DTU-023	Electrico - Diesel	Tier 1	híbrido	20
61	LIEBHERR	T284	DTU-024	Electrico - Diesel	Tier 1	híbrido	
62	LIEBHERR	T284	DTU-025	Electrico - Diesel	Tier 1	híbrido	20
63	LIEBHERR	T284	DTU-026	Electrico - Diesel	Tier 1	híbrido	20
64	LIEBHERR	T284	DTU-027	Electrico - Diesel	Tier 1	híbrido	20
65	LIEBHERR	T284	DTU-028	Electrico - Diesel	Tier 1	híbrido	20
66	LIEBHERR	T284	DTU-029	Electrico - Diesel	Tier 1	híbrido	20
67	LIEBHERR	T284	DTU-030	Electrico - Diesel	Tier 1	híbrido	20
68	LIEBHERR	T284	DTU-031	Electrico - Diesel	Tier 1	híbrido	20
69	CATERPILLAR	777G CAT	DTR001	Diesel	Tier 2	motor	
70	CATERPILLAR	777G CAT	DTR002	Diesel	Tier 2	motor	
71	CATERPILLAR	777G CAT	DTR003	Diesel	Tier 2	motor	
72	CATERPILLAR	777G CAT	DTR004	Diesel	Tier 2	motor	
73	CATERPILLAR	777G CAT	DTR005	Diesel	Tier 2	motor	
74	CATERPILLAR	777G CAT	DTR006	Diesel	Tier 2	motor	
75	CATERPILLAR	777G CAT	DTR007	Diesel	Tier 2	motor	
76	CATERPILLAR	777G CAT	DTR008	Diesel	Tier 2	motor	
77	CATERPILLAR	777G CAT	DTR009	Diesel	Tier 2	motor	
78	CATERPILLAR	777G CAT	DTR010	Diesel	Tier 2	motor	
79	CATERPILLAR	777G CAT	DTR011	Diesel	Tier 2	motor	
80	CATERPILLAR	777G CAT	DTR012	Diesel	Tier 2	motor	
81	CATERPILLAR	777G CAT	DTR013	Diesel	Tier 2	motor	
82	CATERPILLAR	777G CAT	DTR014	Diesel	Tier 2	motor	
83	CATERPILLAR	777G CAT	DTR015	Diesel	Tier 2	motor	
84	CATERPILLAR	777G CAT	DTR016	Diesel	Tier 2	motor	

Tipo de motor	cantidad	
Tier 1 (híbrido)	33	
Tier 1 (motor)	11	
Total	44	23.655914
Sin motor (eléctrico)	14	
Tier 2 (motor)	126	
Tier 3 (motor)	2	
Total	142	76.344086
GRAN TOTAL	186	

85	CATERPILLAR	777G CAT	DTR017	Diesel	Tier 2	motor	
86	CATERPILLAR	777G CAT	DTR018	Diesel	Tier 2	motor	
87	CATERPILLAR	777G CAT	DTR019	Diesel	Tier 2	motor	
88	CATERPILLAR	777G CAT	DTR020	Diesel	Tier 2	motor	
89	CATERPILLAR	D10T	DZT-005	Diesel	Tier 2	motor	15
90	CATERPILLAR	D10T	DZT-006	Diesel	Tier 2	motor	15
91	CATERPILLAR	D10T	DZT-007	Diesel	Tier 2	motor	15
92	CATERPILLAR	D10T	DZT-008	Diesel	Tier 2	motor	15
93	CATERPILLAR	D10T	DZT-009	Diesel	Tier 2	motor	15
94	CATERPILLAR	D11T	DZT-101	Diesel	Tier 2	motor	16
95	CATERPILLAR	D11T	DZT-102	Diesel	Tier 2	motor	16
96	CATERPILLAR	D11T	DZT-103	Diesel	Tier 2	motor	16
97	CATERPILLAR	D11T	DZT-104	Diesel	Tier 2	motor	16
98	CATERPILLAR	D11T	DZT-110	Diesel	Tier 2	motor	16
99	CATERPILLAR	D11T	DZT-111	Diesel	Tier 2	motor	16
100	CATERPILLAR	D11T	DZT-112	Diesel	Tier 2	motor	16
101	CATERPILLAR	834K	DZW-001	Diesel	Tier 2	motor	
102	CATERPILLAR	834K	DZW-002	Diesel	Tier 2	motor	
103	CATERPILLAR	854K	DZW-103	Diesel	Tier 2	motor	9
104	CATERPILLAR	854K	DZW-104	Diesel	Tier 2	motor	9
105	CATERPILLAR	16M	GRL-001	Diesel	Tier 2	motor	
106	CATERPILLAR	16M	GRL-002	Diesel	Tier 2	motor	
107	CATERPILLAR	16M	GRL-003	Diesel	Tier 2	motor	
108	CATERPILLAR	16M	GRL-004	Diesel	Tier 2	motor	
109	CATERPILLAR	16M	GRL-005	Diesel	Tier 2	motor	
110	CATERPILLAR	16M	GRL-006	Diesel	Tier 2	motor	
111	CATERPILLAR	16H	MG011	Diesel	Tier 2	motor	4
112	CATERPILLAR	16H	MG012	Diesel	Tier 2	motor	5
113	CATERPILLAR	CAT 740	LB001	Diesel	Tier 2	motor	13
114	CATERPILLAR	CAT 740	LB002	Diesel	Tier 2	motor	13
115	CATERPILLAR	CAT 740	LB006	Diesel	Tier 2	motor	13
116	CATERPILLAR	CAT 740	LB007	Diesel	Tier 2	motor	13
117	CATERPILLAR	CAT 740	LB010	Diesel	Tier 2	motor	13
118	CATERPILLAR	CAT 740	LB011	Diesel	Tier 2	motor	13
119	CATERPILLAR	CAT 740	LB012	Diesel	Tier 2	motor	13
120	CATERPILLAR	CAT 740	HT001	Diesel	Tier 2	motor	13
121	CATERPILLAR	CAT 740	HT003	Diesel	Tier 2	motor	13
122	CATERPILLAR	CAT 740	HT005	Diesel	Tier 2	motor	13
123	CATERPILLAR	CAT 740	HT006	Diesel	Tier 2	motor	13
124	CATERPILLAR	CAT 740	HT011	Diesel	Tier 2	motor	13
125	CATERPILLAR	CAT 740	HT012	Diesel	Tier 2	motor	13
126	CATERPILLAR	CAT 740	HT016	Diesel	Tier 2	motor	13
127	CATERPILLAR	CAT 740	HT021	Diesel	Tier 2	motor	13
128	CATERPILLAR	CAT 740	HT041	Diesel	Tier 2	motor	13
129	CATERPILLAR	CAT 740	HT042	Diesel	Tier 2	motor	13
130	CATERPILLAR	CAT 740	HT044	Diesel	Tier 2	motor	13
131	CATERPILLAR	CAT 740	HT049	Diesel	Tier 2	motor	13
132	CATERPILLAR	CAT 740	HT053	Diesel	Tier 2	motor	13
133	CATERPILLAR	CAT 740	HT054	Diesel	Tier 2	motor	13
134	CATERPILLAR	CAT 740	HT055	Diesel	Tier 2	motor	13
135	CATERPILLAR	CAT 740	HT073	Diesel	Tier 2	motor	13
136	CATERPILLAR	CAT 740	HT074	Diesel	Tier 2	motor	13
137	CATERPILLAR	CAT 740	HT075	Diesel	Tier 2	motor	13
138	CATERPILLAR	CAT 740	HT112	Diesel	Tier 2	motor	13
139	CATERPILLAR	CAT 740	HT122	Diesel	Tier 2	motor	13
140	CATERPILLAR	CAT 740	HT127	Diesel	Tier 2	motor	13
141	CATERPILLAR	CAT 740	HT129	Diesel	Tier 2	motor	13
142	CATERPILLAR	CAT 740	HT136	Diesel	Tier 2	motor	13
143	CATERPILLAR	CAT 740	HT143	Diesel	Tier 2	motor	13
144	CATERPILLAR	CAT 740	HT045	Diesel	Tier 2	motor	13
145	CATERPILLAR	CAT 740	HT150	Diesel	Tier 2	motor	13
146	CATERPILLAR	CAT 740	HT164	Diesel	Tier 2	motor	13
147	CATERPILLAR	CAT 740	HT008	Diesel	Tier 2	motor	13
148	CATERPILLAR	CAT 740	HT009	Diesel	Tier 2	motor	13
149	CATERPILLAR	CAT 740	HT076	Diesel	Tier 2	motor	13
150	CATERPILLAR	CAT 740	HT077	Diesel	Tier 2	motor	13
151	CATERPILLAR	CAT 740	HT145	Diesel	Tier 2	motor	13
152	CATERPILLAR	CAT 740	HT051	Diesel	Tier 2	motor	13
153	CATERPILLAR	CAT 740	HT052	Diesel	Tier 2	motor	13
154	CATERPILLAR	CAT 740	HT138	Diesel	Tier 2	motor	13
155	CATERPILLAR	CAT 740	HT147	Diesel	Tier 2	motor	13
156	CATERPILLAR	CAT 740	HT133	Diesel	Tier 2	motor	13
157	CATERPILLAR	CAT 740	HT134	Diesel	Tier 2	motor	13
158	CATERPILLAR	CAT 740	HT162	Diesel	Tier 2	motor	13
159	CATERPILLAR	CAT 740	HT163	Diesel	Tier 2	motor	13
160	CATERPILLAR	CAT 740	HT066	Diesel	Tier 2	motor	13
161	CATERPILLAR	CAT 740	HT153	Diesel	Tier 2	motor	13
162	CATERPILLAR	336DL	EX010	Diesel	Tier 2	motor	6
163	CATERPILLAR	336DL	EX017	Diesel	Tier 2	motor	6
164	CATERPILLAR	320DL	EX045	Diesel	Tier 3	motor	
165	CATERPILLAR	320DL	EX050	Diesel	Tier 3	motor	
166	CATERPILLAR	336D LME	EX056	Diesel	Tier 2	motor	7
167	CATERPILLAR	336D LME	EX054	Diesel	Tier 2	motor	7
168	CATERPILLAR	966H	WL002	Diesel	Tier 2	motor	10
169	CATERPILLAR	966H	WL003	Diesel	Tier 2	motor	10

170	CATERPILLAR	966L	WLD003	Diesel	Tier 2	motor	11
171	CATERPILLAR	966L	WLD004	Diesel	Tier 2	motor	11
172	CATERPILLAR	966L	WLD005	Diesel	Tier 2	motor	11
173	CATERPILLAR	D8T	DZ015	Diesel	Tier 2	motor	2
174	CATERPILLAR	D8T	DZ017	Diesel	Tier 2	motor	2
175	CATERPILLAR	D8T	DZ025	Diesel	Tier 2	motor	2
176	CATERPILLAR	D8T LGP	DZ039	Diesel	Tier 2	motor	3
177	CATERPILLAR	D8T LGP	DZ040	Diesel	Tier 2	motor	3
178	CATERPILLAR	D8T	DZ027	Diesel	Tier 2	motor	2
179	CATERPILLAR	CS74B	COM001	Diesel	Tier 2	motor	14
180	CATERPILLAR	CS74B	COM002	Diesel	Tier 2	motor	14
181	CATERPILLAR	CS74B	COM003	Diesel	Tier 2	motor	14
182	CATERPILLAR	CS74B	COM004	Diesel	Tier 2	motor	14
183	CATERPILLAR	D8T XL	DZ054	Diesel	Tier 2	motor	
184	CATERPILLAR	CABLE REELER - CAT988K	WLC001	Diesel	Tier 2	motor	12
185	CATERPILLAR	CABLE REELER - CAT988K	WLC002	Diesel	Tier 2	motor	12
186	VOLVO	EC480DL	EX036	Diesel	Tier 2	motor	